Docket No.: 3573-110.1 US

The undersigned certifies that this communication is being deposited with the United States Postal Service as prepaid first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on October 22, 2001.

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IN THE UNITED STATES PATENT AND PLACE

Applicant: Botella, J.R.

Serial No.: 09/699

Filed: September 25, 2000

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JAN 2 4 2002

GROUP:3600

Examiner: Nelson, A.

Title: NOVEL ACC SYNTHASE GENE

Information Disclosure Statement

Commissioner for Patents Washington, DC 20231

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicant hereby brings to the attention of the United States Patent and Trademark Office the following documents of which Applicant has been made aware. The documents are listed on the attached PTO Form 1449. Copies of the documents are enclosed.

A fee in the amount of \$180 is enclosed. The Commissioner is authorized to charge any deficiency or credit any over payment to Deposit Account No. 13-2165.

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It is requested that the references be considered by the Examiner and be made of record as part of the available prior art under 37 C.F.R. § 1.104.

Respectfully submitted,

Diane Dunn McKa

Reg. No. 34,586

Attorney for Applicant

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JAN 1 5 200	C 11. 304	Botella, et al., "Identification and Characterization of a Full-length cDNA Encoding for Auxin-induced 1-Aminocyclopropane-1-Carboxylate Synthase from Violated Mung Bean Hypocotyl Segments and Expression of its mRSQ Response to Indole-3-Acetic Acid," Journal of Molecular Biology 20: (1992) 425-436.				
TRADEN!	and .	Miki, et al., "Nucleotide Sequence of a cDNA for 1- Physiology 107 (1995) 297-298.	-Aminocyclopropane-1-Carboxylate	Synthase from Melon Fruits," Plant		
		Van Der Straeten, et al., "Cloning, Genetic Mapping, and Expression Analysis of an Arabidopsis Thaliana Gene that Encodi 1-Aminocyclopropane-1-Carboxylate Synthase," Proceedings of National Academy of Science USA 89 (1992) 9969-9973.				
	0	Vip, et al., "Differential Accumulation of Transcripts for Four Tomato 1-Aminocyclopropane-1-Carboxylate Synthase Homologs under Various Conditions," Proceedings of National Academy of Science, USA 89 (1992) 2475-2479.				
	\	Rottmann, et al., "1-Aminocyclopropane-1-Carbox Transcription is Induced During Fruit and Floral S	xylate Synthase in Tomato is Encode Senescence," Molecular Biology (199	d by a Multigene Family Whose		
		Olson, et al., "Differential Expression of Two Gene Proceedings of National Academy of Science, USA	es for 1-Aminocyclopropane-1-Carbo 88 (1991) 5340-5344.	oxylate Synthase in Tomato Fruits,"		
1		Plant Gene Expression Center, "One Rotten Apple (1992) 181-184.	: Spoils the Whole Bushel: The Role (of Ethylene in Fruit Ripening," Cell		
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